This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claim 1 (currently amended): In a method of improving a transmission characteristic of an xDSL system that implements high-speed data communication over existing copper telephone line wires connecting ~~an~~ a telephone office and a subscriber, a testing system installed in ~~an~~ a telephone office proximate a main distribution frame polls ~~pulls~~, before connection of a subscriber telephone line to said xDSL system, said subscriber telephone line at an outside line of an xDSL circuit, measures a cross-talk noise characteristic of said subscriber telephone line, and prevents, if said cross-talk noise characteristic is of high level, said subscriber telephone line from being connected to said xDSL circuit,

wherein the measured cross-talk characteristic is cross-talk existing on the subscriber telephone line due to interference from other subscriber telephone lines.

Claim 2 (currently amended): The method as claimed in claim 1, wherein said testing system transforms a level of cross-talk noise on the subscriber telephone line to noise spectrum data by FFT (Fast Fourier Transform) and compares said noise

spectrum data with a template for noise level decision, which is weighted at a subject frequency, to thereby determine whether or not said subscriber telephone line is usable, said measurement of the cross-talk is made without injecting a test signal onto the subscriber telephone line under test.

Claim 3 (currently amended): A system for measuring a transmission characteristic of an xDSL system that implements high-speed data communication over existing copper telephone line wires connecting ~~an~~ a telephone office and a subscriber, said system comprising:

~~pulling~~ polling means included in an outside telephone line of an xDSL circuit installed in an office for ~~pulling~~ polling a subscriber telephone line;

noise level measuring means for measuring ~~a~~ an existing level of cross-talk noise on the subscriber line; and

decision means for determining, based on the level of cross-talk noise measured, whether or not the subscriber line is usable.

Claim 4 (currently amended): The system as claimed in claim 3, wherein said ~~pulling~~ polling means comprises:

an MDF ~~U~~(Main Distribution Frame) connected to terminals T and R of the outside line at a subscriber side; and

relays connected to said MDF and connecting the terminals T and R to test terminals.

Claim 5 (currently amended): The system as claimed in claim 4, wherein said noise level measuring means comprises:

a voltage measuring circuit for measuring a an existing cross-talk noise voltage input via said relays;

an ADC (Analog-to-Digital Converter) circuit for converting cross-talk noise voltage measured to a digital signal; and

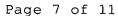an FFT (Fast Fourier Transform) circuit for transforming the digital signal to noise spectrum data.

Claim 6 (original): The system as claimed in claim 5, wherein said decision means comprises means for comparing the noise spectrum data with a template for noise level decision to thereby **determining** whether or not the subscriber line is usable.

Claim 7 (currently amended): The system as claimed in claim 3, wherein said noise level measuring means comprises:

a voltage measuring circuit for measuring a an existing cross-talk noise voltage input via said relays;

an ADC (Analog-to-Digital Converter) circuit for converting cross-talk noise voltage measured to a digital signal; and

an FFT (Fast Fourier Transform) circuit for transforming the digital signal to noise spectrum data.

Claim 8 (original): The system as claimed in claim 7, wherein said decision means comprises means for comparing the noise spectrum data with a template for noise level decision to thereby **determining** whether or not the subscriber line is usable.